

10/557481

IAP6 Rec'd PCT/PTO 21 NOV 2005

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No. : PCT/EP2004/005234
International Filing Date : May 14, 2004
Priority Date(s) Claimed : May 21, 2003
Applicant(s) (DO/EO/US) : Michael HECKMEIER et al.

Title: LIQUID-CRYSTALLINE MEDIUM

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

Timing and Fees

- Under 37 C.F.R. § 1.97(b), no fee or statement is required for filing this information disclosure statement is filed:
 - within three months of the filing date of a national application other than a CPA under § 1.53(d);
 - within three months of the actual filing date of the national phase of a PCT application; OR
 - before the mailing of a first substantive office action (including after filing of an RCE).
- Under 37 C.F.R. § 1.97(c), this information disclosure statement is filed after the periods specified in 37 C.F.R. § 1.97(b), but before the mailing date of:
 - a final rejection under 37 C.F.R. 1.113;
 - termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P. § 609(B)(2); OR
 - a notice of allowance under 37 C.F.R. § 1.311; and

is accompanied by:

- the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
- a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).

Under 37 C.F.R. § 1.97(d), this information disclosure statement is filed after the mailing date of the following actions which have not been withdrawn:

- a final action under 37 C.F.R. § 1.113;
- termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2);
- OR a notice of allowance under 37 C.F.R. § 1.311;

AND is filed on or before payment of the issue fee; AND is accompanied by:

the statement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of \$180.00 under 37 C.F.R. § 1.17(p).

Statements Under 37 C.F.R. 1.97(e)

- Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.

Cited Materials

- Copies of materials listed but not attached were cited in benefit (35 U.S.C. § 120) ancestor application Serial No. _____, on Form 892 by the Examiner and/or Form 1449 by the applicant; see 37 C.F.R. § 1.98(d).
- Copies of materials listed but not attached were cited in an international search report dated August 4, 2004.
- Not required by 37 CFR § 1.98.
- Copies of the materials listed are attached (except for the foregoing).

Non-English Language References

An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).

A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:

X = document of particular relevance when it is taken alone

Y = document of particular relevance when it is combined with another such document

A = document defining the general state of the art

O = non-written disclosure

P = intercalated document

T = document cited to understand the theory or principle underlying the invention

E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date

D = cited in the application

L = cited for another reason

& = publication of member of same patent family

Translation of other relevant information on foreign search report

[insert necessary translation here]

Other Information

Payment of Fees Due (If Any):

A check for \$_____ covering the fee identified above is attached.

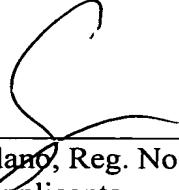
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The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,


Anthony J. Zelano, Reg. No. 27,969
Attorney for ~~Applicants~~

MILLEN, WHITE, ZELANO
& BRANIGAN, P.C.
Arlington Courthouse Plaza 1
2200 Clarendon Blvd. Suite 1400
Arlington, Virginia 22201
Telephone: (703) 243-6333
Facsimile: (703) 243-6410

Attorney Docket No.: MERCK-3091

Date: November 21, 2005

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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	PCT/EP2004/005234
				Filing Date	November 21, 2005
				First Named Inventor	Michael HECKMEIER et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	3	Attorney Docket Number	MERCK-3091

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	5679285			October 21, 1997
	2	6017469			January 25, 2000
	3	6544602			April 8, 2003
	4	5370822			December 6, 1994
	5	5641432			June 24, 1997
	6	5358662			October 25, 1994
	7	5055220			October 8, 1991
	8	5208386			May 4 1993
	9	5645759			July 8, 1997
	10	2002066887			June 6, 2002
	11	6399162			June 4, 2002
	12	2002166994			November 14, 2002
	13	6254941			July 3, 2001
	14	6576303			June 10, 2003

FOREIGN PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office ³	Number ⁴	Kind Code ⁵ (if known)	
	15	DE	19505189	Merck Patent GmbH	June 27, 1996
	16	EP	0727406	Merck Patent GmbH	August 21, 1996
	17	WO	9530723	Merck Patent GmbH	November 16, 1995
	18	DE	10020061	Merck Patent GmbH	December 7, 2000
	19	DE	3509170	Merck Patent GmbH	September 18, 1986
	20	EP	0588291	CHISSO CORP	March 23, 1994
	21	EP	0688754	CHISSO CORP	December 27, 1995
	22	EP	0571916	CHISSO CORP	December 1, 1993
	23	EP	0422958	CHISSO CORP	April 17, 1991

Examiner Signature	Date Considered
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	PCT/EP2004/005234
(use as many sheets as necessary)				Filing Date	November 21, 2005
				First Named Inventor	Michael HECKMEIER et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	MERCK-3091
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	PT/EP2004/005234
				Filing Date	November 21, 2005
				First Named Inventor	Michael HECKMEIER et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
(use as many sheets as necessary)				Attorney Docket Number	
Sheet	3	of	3	MERCK-3091	

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature _____ **Date Considered** _____

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